

L Number	Hits	Search Text	DB	Time stamp
3	1	6470310.pn.	USPAT; US-PGPUB	2004/05/24 16:14
4	1	6470310.pn. and pitch adj period\$4	USPAT; US-PGPUB	2004/05/24 16:15
5	1	6470310.pn. and pitch adj period\$4 same (cod\$4 or decod\$4 or encod\$4)	USPAT; US-PGPUB	2004/05/24 16:18
6	1	6470310.pn. and pitch adj period\$4 near previous same (cod\$4 or decod\$4 or encod\$4)	USPAT; US-PGPUB	2004/05/24 16:27
7	1	5265167.pn.	USPAT; US-PGPUB	2004/05/24 16:32
8	1	5265167.pn.	USPAT; US-PGPUB	2004/05/24 16:32
9	1	5265167.pn. and previous same excitation\$4	USPAT; US-PGPUB	2004/05/24 16:33
10	0	5265167.pn. and previous near excitation\$4 same weigh\$5	USPAT; US-PGPUB	2004/05/24 16:33
11	0	5265167.pn. and previous near excitation\$4	USPAT; US-PGPUB	2004/05/24 16:33
12	1	5265167.pn. and previous same excitation\$4	USPAT; US-PGPUB	2004/05/24 16:48
13	1	5265167.pn. and weigh\$5 near signal\$5	USPAT; US-PGPUB	2004/05/24 16:48
14	1	5265167.pn. and weigh\$5 same excitation\$4	USPAT; US-PGPUB	2004/05/24 16:55
15	1	5265167.pn. and weigh\$5 same correlat\$5	USPAT; US-PGPUB	2004/05/24 17:13
16	1	5265167.pn. and correlation\$4	USPAT; US-PGPUB	2004/05/24 17:17
17	0	5265167.pn. and correlation\$4 same peak\$4	USPAT; US-PGPUB	2004/05/24 17:18
18	1	5265167.pn. and peak\$4	USPAT; US-PGPUB	2004/05/24 17:24
19	1	5265167.pn. and correlation\$4	USPAT; US-PGPUB	2004/05/24 17:24
20	0	5265167.pn. and correlation\$4 and current	USPAT; US-PGPUB	2004/05/24 17:24
21	0	5265167.pn. and correlation\$4 and present	USPAT; US-PGPUB	2004/05/24 17:25
22	1	5265167.pn. and correlation\$4 same subfram\$4	USPAT; US-PGPUB	2004/05/24 17:28
23	1	5265167.pn. and correlation\$4 same subfram\$4 and estimat\$4	USPAT; US-PGPUB	2004/05/24 17:40
24	0	5265167.pn. and peak	USPAT; US-PGPUB	2004/05/24 18:15
25	1	5265167.pn. and domain	USPAT; US-PGPUB	2004/05/24 18:17
26	1	5265167.pn. and maximiz\$6	USPAT; US-PGPUB	2004/05/24 18:49
27	1	5265167.pn. and puls\$6	USPAT; US-PGPUB	2004/05/24 18:54
28	0	5265167.pn. and puls\$6 same convolv\$6	USPAT; US-PGPUB	2004/05/24 18:54
29	0	5265167.pn. and puls\$6 same convol\$8	USPAT; US-PGPUB	2004/05/24 18:55
30	1	5265167.pn. and puls\$6 and convol\$8	USPAT; US-PGPUB	2004/05/24 19:46
31	0	5664054.pn. and excitat\$5	USPAT; US-PGPUB	2004/05/24 19:47
32	1	5664054.pn.	USPAT; US-PGPUB	2004/05/24 19:48
33	10	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past) near subfram\$4 and scal\$4 same add\$4 and excitation near signal\$4	USPAT; US-PGPUB	2004/05/24 19:52
34	4	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past) near subfram\$4 and scal\$4 same add\$4 and excitation near signal\$4 and enhanc\$5	USPAT; US-PGPUB	2004/05/24 19:56

35	7	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past) near subfram\$4 and scal\$4 same add\$4 and enhanc\$5 sameexcitation near signal\$4 and enhanc\$5	USPAT; US-PGPUB	2004/05/24 19:56
36	0	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past) near subfram\$4 and scal\$4 same add\$4 and enhanc\$5 same excitation near signal\$4 and enhanc\$5	USPAT; US-PGPUB	2004/05/24 19:56
37	0	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past or present or current) near subfram\$4 and scal\$4 same add\$4 and enhanc\$5 same excitation near signal\$4 and enhanc\$5	USPAT; US-PGPUB	2004/05/24 19:57
38	20	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past or present or current) near subfram\$4 and scal\$4 same add\$4	USPAT; US-PGPUB	2004/05/24 19:57
39	1	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past or present or current) near subfram\$4 and scal\$4 same add\$4 and enhanc\$5 same excitation	USPAT; US-PGPUB	2004/05/24 19:57
40	1	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past or present or current) near subfram\$4 and scal\$4 same add\$4 and enhanc\$5 same excitation same signal\$4	USPAT; US-PGPUB	2004/05/24 19:58
41	17	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past or present or current) near subfram\$4 and scal\$4 same add\$4 and excitation same signal\$4	USPAT; US-PGPUB	2004/05/24 20:01
42	1	6014622.pn. and pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past or present or current) near subfram\$4 and scal\$4 same add\$4 and excitation same signal\$4	USPAT; US-PGPUB	2004/05/24 20:17
43	1	6470310.pn.	USPAT; US-PGPUB	2004/05/24 20:17
-	13153	speech adj signal\$4	USPAT; US-PGPUB	2004/05/17 21:50
-	9421	speech adj signal\$4 and communicat\$4	USPAT; US-PGPUB	2004/01/21 08:30
-	3504	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4	USPAT; US-PGPUB	2004/01/21 08:31
-	576	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4	USPAT; US-PGPUB	2004/01/21 08:32
-	17	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and adaptive adj excit\$6	USPAT; US-PGPUB	2004/01/21 08:32
-	311	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$5	USPAT; US-PGPUB	2004/01/21 08:32
-	315	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6	USPAT; US-PGPUB	2004/01/21 08:32
-	244	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4	USPAT; US-PGPUB	2004/01/21 08:33
-	8	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and extend\$4 adj3 cod\$4	USPAT; US-PGPUB	2004/01/21 08:33
-	216	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4	USPAT; US-PGPUB	2004/01/21 08:34
-	156	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6	USPAT; US-PGPUB	2004/01/21 08:34

	154	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6	USPAT; US-PGPUB	2004/01/21 08:34
	129	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4	USPAT; US-PGPUB	2004/01/21 08:35
	1	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and correlation adj peak\$4	USPAT; US-PGPUB	2004/01/21 08:35
	54	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5	USPAT; US-PGPUB	2004/01/21 08:35
	20	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5	USPAT; US-PGPUB	2004/01/21 08:36
	20	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 and speech\$4	USPAT; US-PGPUB	2004/01/21 08:36
	16	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 and speech\$4 and reproducs\$5	USPAT; US-PGPUB	2004/01/21 08:38
	348	adaptive and excitation and pattern and speech and coding	USPAT; US-PGPUB	2004/01/21 08:39
	348	adaptive and excitation and pattern and speech and coding and signal\$2	USPAT; US-PGPUB	2004/01/21 08:39
	310	adaptive and excitation and pattern and speech and coding and signal\$2 and quality	USPAT; US-PGPUB	2004/01/21 08:40
	251	adaptive and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6	USPAT; US-PGPUB	2004/01/21 08:40
	182	adaptive and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and weight\$4	USPAT; US-PGPUB	2004/01/21 08:40
	19	adaptive and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and weight\$4 and reproducs\$5 and pitch adj lag\$5	USPAT; US-PGPUB	2004/01/21 08:41
	71	adaptive and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and weight\$4 and reproducs\$5 and linear adj prediction	USPAT; US-PGPUB	2004/01/21 08:42
	148	adaptive and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and weight\$4 and reproducs\$5	USPAT; US-PGPUB	2004/01/21 08:42
	123	adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality and puls\$6 and weight\$4 and reproducs\$5 and encod\$4 and decod\$4	USPAT; US-PGPUB	2004/01/21 08:43

-	17	("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.	USPAT; US-PGPUB	2004/01/21 09:46
-	17	("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn. and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality and puls\$6 and weight\$4 and reproduces\$5 and encodes\$4 and decodes\$4	USPAT; US-PGPUB	2004/01/21 09:47
-	1	("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn. and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality and puls\$6 and weight\$4 and reproduces\$5 and encodes\$4 and decodes\$4 and speech adj signal\$4 and communicates\$4 and encodes\$4 and decodes\$4 and cod\$4 and short\$4 adj term\$4 and enhances\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 and speech\$4 and reproduces\$5	USPAT; US-PGPUB	2004/01/21 09:47
-	17	("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn. and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech	USPAT; US-PGPUB	2004/01/21 09:49
-	17	("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn. and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6	USPAT; US-PGPUB	2004/01/21 09:49
-	17	("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn. and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4	USPAT; US-PGPUB	2004/01/21 09:49
-	17	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4	USPAT; US-PGPUB	2004/01/21 09:50
-	0	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and kieda	USPAT; US-PGPUB	2004/01/21 09:50

-	17	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5	USPAT; US-PGPUB	2004/01/21 09:50
-	10	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and communicat\$4	USPAT; US-PGPUB	2004/01/21 09:50
-	10	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and short\$4 adj term\$4	USPAT; US-PGPUB	2004/01/21 09:51
-	7	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and enhanc\$6	USPAT; US-PGPUB	2004/01/21 09:51
-	17	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and linear adj predict\$4	USPAT; US-PGPUB	2004/01/21 09:51
-	17	((("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6	USPAT; US-PGPUB	2004/01/21 09:52

-	17	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961" ).pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduces\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6	USPAT; US-PGPUB	2004/01/21 09:52
-	17	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961" ).pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduces\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4	USPAT; US-PGPUB	2004/01/21 09:52
-	2	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961" ).pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduces\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5	USPAT; US-PGPUB	2004/01/21 09:52
-	17	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961" ).pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduces\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4	USPAT; US-PGPUB	2004/01/21 10:46
-	16	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961" ).pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduces\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch\$4	USPAT; US-PGPUB	2004/01/21 10:47

	9	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduces\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch\$4 and short adj term\$4	USPAT; US-PGPUB	2004/01/21 10:47
	2	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduces\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch\$4 adj lag\$5 and short adj term\$4	USPAT; US-PGPUB	2004/01/22 12:03
	6	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and encod\$4 and decod\$4 and locat\$4 and correlat\$4 and peak and pulse	USPAT; US-PGPUB	2004/01/22 11:02
	6	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and encod\$4 and decod\$4 and locat\$4 and correlat\$4 and peak and puls\$4	USPAT; US-PGPUB	2004/01/22 11:04
	4	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and encod\$4 same decod\$4 and locat\$4 and correlat\$4 and peak and puls\$4	USPAT; US-PGPUB	2004/01/22 11:26
	1	6311154.pn. and encoder same decoder	USPAT; US-PGPUB	2004/01/22 11:44
	1	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and communicat\$4 same (Link\$4 or connect\$4 or coupl\$4) same cod\$4	USPAT; US-PGPUB	2004/01/22 12:06
	3	(( "6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and communicat\$4 same (Link\$4 or connect\$4 or coupl\$4) and cod\$4 and encod\$4 and decod\$4	USPAT; US-PGPUB	2004/01/22 12:07
	1	5752223.pn.	USPAT; US-PGPUB	2004/05/17 14:42
	0	5752223.pn. and subfram44	USPAT; US-PGPUB	2004/05/17 14:43
	1	5752223.pn. and subfram\$4	USPAT; US-PGPUB	2004/05/17 14:43

-	0	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP	USPAT; US-PGPUB	2004/05/17 21:51
-	495	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP	USPAT; US-PGPUB	2004/05/17 21:53
-	43	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4	USPAT; US-PGPUB	2004/05/17 21:54
-	30	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and peak\$4	USPAT; US-PGPUB	2004/05/17 21:54
-	20	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and distan\$5	USPAT; US-PGPUB	2004/05/17 21:54
-	34	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and convol\$6	USPAT; US-PGPUB	2004/05/17 21:55
-	15	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and convol\$6 and peak\$4 and distan\$4	USPAT; US-PGPUB	2004/05/17 21:55
-	15	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and convol\$6 and peak\$4 and distan\$4 and weigh\$5	USPAT; US-PGPUB	2004/05/17 21:56
-	15	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and convol\$6 and peak\$4 and distan\$4 and weigh\$5 and excitation\$4	USPAT; US-PGPUB	2004/05/17 21:57
-	15	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and convol\$6 and peak\$4 and distan\$4 and weigh\$5 and excitation\$4 and correlat\$5	USPAT; US-PGPUB	2004/05/17 21:57
-	28	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5 and gain\$4 and convol\$6 and peak\$4	USPAT; US-PGPUB	2004/05/17 22:02
-	44	speech adj signal\$4 and fram\$4 and sub\$4fram\$4 and CELP and short\$4term same enhance\$5	USPAT; US-PGPUB	2004/05/17 22:23
-	594	speech\$4 adj signal\$4 and plurality near (fram\$4 or subfram\$4)	USPAT; US-PGPUB	2004/05/17 22:24
-	11	speech\$4 adj signal\$4 and plurality near (fram\$4 or subfram\$4) and previous\$4 near (sub\$4fram\$4 or excit\$5) same CELP	USPAT; US-PGPUB	2004/05/17 22:25
-	1	6470310.pn.	USPAT; US-PGPUB	2004/05/18 15:37
-	0	6470310.pn. and short\$4term\$4	USPAT; US-PGPUB	2004/05/18 15:38
-	1	6470310.pn. and term\$4	USPAT; US-PGPUB	2004/05/18 15:39
-	0	6470310.pn. and puls\$5	USPAT; US-PGPUB	2004/05/18 15:39
-	118	sub\$4fram\$4 and fram\$4 and CELP and short\$4term\$4 and enhanc\$6	USPAT; US-PGPUB	2004/05/18 15:40
-	48	sub\$4fram\$4 and fram\$4 and CELP and short\$4term\$4 and enhanc\$6 and puls\$6 and peak\$4 and gain\$4	USPAT; US-PGPUB	2004/05/18 15:42
-	48	sub\$4fram\$4 and fram\$4 and CELP and short\$4term\$4 and enhanc\$6 and puls\$6 and peak\$4 and gain\$4 and excitat\$5	USPAT; US-PGPUB	2004/05/18 15:42
-	46	sub\$4fram\$4 and fram\$4 and CELP and short\$4term\$4 and enhanc\$6 and puls\$6 and peak\$4 and gain\$4 and excitat\$5 and weigh\$5	USPAT; US-PGPUB	2004/05/18 15:42
-	42	sub\$4fram\$4 and fram\$4 and CELP and short\$4term\$4 and enhanc\$6 and puls\$6 and peak\$4 and gain\$4 and excitat\$5 and weigh\$5 and correlation\$4	USPAT; US-PGPUB	2004/05/18 15:43

	42	sub\$4fram\$4 and fram\$4 and CELP and short\$4term\$4 and enhanc\$6 and puls\$6 and peak\$4 and gain\$4 and excitat\$5 and weigh\$5 and correlation\$4 and pitch\$4	USPAT; US-PGPUB	2004/05/18 18:26
	0	5265167.pn. and previous\$5 same CELP	USPAT; US-PGPUB	2004/05/18 18:26
	1	5265167.pn. and previous\$5 and CELP	USPAT; US-PGPUB	2004/05/18 18:35
	42	(previous or past) same CELP and fram\$4 and sub\$4fram\$4 and short\$4term\$4 same excitat\$5	USPAT; US-PGPUB	2004/05/18 18:32
	1	6311154.pn. and (previous or past) same CELP and fram\$4 and sub\$4fram\$4 and short\$4term\$4 same excitat\$5	USPAT; US-PGPUB	2004/05/18 18:30
	1	6311154.pn. and (previous or past) same CELP and short\$4term\$4 same excitat\$5 gain\$4 and distan\$4 and peak\$4 and (constant\$4 or coefficien\$5)	USPAT; US-PGPUB	2004/05/18 18:30
	27264	gain\$4 and distan\$4 and peak\$4 and (constant\$4 or coefficien\$5) and excitation same signal\$4	USPAT; US-PGPUB	2004/05/18 18:36
	2630	(cod\$4 or encod\$4 or decod\$4) same (previous\$4 or past) near (sub\$4fram\$4 or fram\$4) and CELP and excitation	USPAT; US-PGPUB	2004/05/18 18:37
	257	1 6470310.pn. and CELP	USPAT; US-PGPUB	2004/05/18 18:38
	1	1 6470310.pn. and CELP and excitation near signal\$4	USPAT; US-PGPUB	2004/05/18 18:39
	1	1 6470310.pn. and CELP and excitation near signal\$4 and plurality same subfram\$4	USPAT; US-PGPUB	2004/05/18 18:40
	1	1 6470310.pn. and CELP and excitation near signal\$4 and plurality near subfram\$4 same (cod\$4 or decod\$4 or encod\$4)	USPAT; US-PGPUB	2004/05/18 18:41
	0	0 6470310.pn. and short\$4term\$4	USPAT; US-PGPUB	2004/05/18 18:43
	1	1 6470310.pn. and short	USPAT; US-PGPUB	2004/05/18 18:43
	1	1 6470310.pn. and short and term\$4	USPAT; US-PGPUB	2004/05/18 18:44
	1	1 6470310.pn. and short and term\$4 and enhanc\$4	USPAT; US-PGPUB	2004/05/18 18:45
	0	0 short\$4term\$4 near enhanc\$6 same excitation adj signal44	USPAT; US-PGPUB	2004/05/18 18:45
	0	0 short\$4term\$4 near enhanc\$6 same excitation adj signal\$4	USPAT; US-PGPUB	2004/05/18 18:46
	39	39 short\$4term\$4 near enhanc\$6	USPAT; US-PGPUB	2004/05/18 18:46
	0	0 short\$4term\$4 near enhanc\$6 same excitation	USPAT; US-PGPUB	2004/05/18 18:46
	3	3 short\$4term\$4 near enhanc\$6 same signal\$4	USPAT; US-PGPUB	2004/05/18 18:46
	39	39 short\$4term\$4 near enhanc\$6	USPAT; US-PGPUB	2004/05/18 18:47
	2	2 short\$4term\$4 near enhanc\$6 and 704/\$.cccls.	USPAT; US-PGPUB	2004/05/18 18:47
	714	714 short\$4term\$4 same enhanc\$6	USPAT; US-PGPUB	2004/05/18 18:47
	16	16 short\$4term\$4 same enhanc\$6 and 701/\$.cccls.	USPAT; US-PGPUB	2004/05/18 18:47
	93	93 short\$4term\$4 same enhanc\$6 and 704/\$.cccls.	USPAT; US-PGPUB	2004/05/18 18:50
	65	65 short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.cccls.	USPAT; US-PGPUB	2004/05/18 18:50
	49	49 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.cccls.	USPAT; US-PGPUB	2004/05/18 18:50
	43	43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or past\$4) and (current\$4 or present\$4) and 704/\$.cccls.	USPAT; US-PGPUB	2004/05/18 19:01

	0	short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or past\$4) same signal\$4 and enhanc\$6 same (current\$4 or present\$4) near signal\$4 and 704/\$.ccls.	USPAT; US-PGPUB	2004/05/18 19:02
	44	short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or past\$4) same signal\$4	USPAT; US-PGPUB	2004/05/18 19:02
	22	short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or past\$4) same signal\$4 and enhanc\$6 same (current\$4 or present\$4)	USPAT; US-PGPUB	2004/05/18 19:02
	0	short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or past\$4) same signal\$4 and enhanc\$6 same (current\$4 or present\$4) near signal\$4	USPAT; US-PGPUB	2004/05/18 19:03
	22	short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or past\$4) same signal\$4 and enhanc\$6 same (current\$4 or present\$4) and 704/\$.ccls.	USPAT; US-PGPUB	2004/05/18 19:08
	1589	"6470"	USPAT; US-PGPUB	2004/05/18 19:08
	1	6470310.pn. and enhance\$6	USPAT; US-PGPUB	2004/05/18 19:10
	0	6470310.pn. and (current or present) same signal\$4 and (current or present) same (subfram\$4 or fram\$4)	USPAT; US-PGPUB	2004/05/18 19:11
	0	6470310.pn. and (current or present) same signal\$4 and (current\$4 or present\$\$) same (subfram\$4 or fram\$4)	USPAT; US-PGPUB	2004/05/18 19:11
	1	6470310.pn. and (current or present) same signal\$4	USPAT; US-PGPUB	2004/05/18 19:12
	0	6470310.pn. and puls\$5	USPAT; US-PGPUB	2004/05/18 19:12
	0	6470310.pn. and puls\$6	USPAT; US-PGPUB	2004/05/18 19:12
	0	6470310.pn. and prevoius\$4	USPAT; US-PGPUB	2004/05/18 19:13
	1	6470310.pn. and previous\$4	USPAT; US-PGPUB	2004/05/18 19:13
	1	6470310.pn. and (cod\$4 or encod\$4 or decod\$4) same previous\$4	USPAT; US-PGPUB	2004/05/18 19:17
	1	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4	USPAT; US-PGPUB	2004/05/18 19:19
	1	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4	USPAT; US-PGPUB	2004/05/18 19:19
	0	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4 and estimat\$4 same (correlation\$4 or peak\$4)	USPAT; US-PGPUB	2004/05/18 19:19
	1	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4 and (correlation\$4 or peak\$4)	USPAT; US-PGPUB	2004/05/18 19:19
	0	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4 and correlation\$4 same peak\$4	USPAT; US-PGPUB	2004/05/18 19:19
	0	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4 and (correlation\$4 or peak\$4) and sunfram\$4	USPAT; US-PGPUB	2004/05/18 19:20
	1	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4 and (correlation\$4 or peak\$4) and subfram\$4	USPAT; US-PGPUB	2004/05/18 19:22

		1	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4 and (correlation\$4 or peak\$4) and short\$4	USPAT; US-PGPUB	2004/05/18 19:22
		1	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5 near filter\$4 and (correlation\$4 or peak\$4) and short\$4 and enhanc\$6	USPAT; US-PGPUB	2004/05/18 19:27
		1	5265167.pn. and (previous\$4 or past) same excitation\$4 near signal\$4 and weigh\$5	USPAT; US-PGPUB	2004/05/18 19:28
		1	5265167.pn. and (previous\$4 or past) and excitation\$4 near signal\$4 same weigh\$5	USPAT; US-PGPUB	2004/05/18 19:32
		1	5265167.pn. and (estimat\$5 or approximat\$5)	USPAT; US-PGPUB	2004/05/18 19:32
		1	5265167.pn. and (estimat\$5 or approximat\$5) same (correlat\$4 or peak\$4)	USPAT; US-PGPUB	2004/05/18 19:36
		0	5265167.pn. and (estimat\$5 or approximat\$5) same (correlat\$4 or peak\$4) and distanc\$4	USPAT; US-PGPUB	2004/05/18 19:36
		1	5265167.pn. and (estimat\$5 or approximat\$5) same (correlat\$4 or peak\$4) and length\$4 same subfram\$4	USPAT; US-PGPUB	2004/05/18 19:50
		0	5265167.pn. and maximiz\$6 same (correlat\$4 or peak\$4) and length\$4 and gain\$4	USPAT; US-PGPUB	2004/05/18 19:50
		0	5265167.pn. and maximiz\$6 same (correlat\$4 or peak\$4)	USPAT; US-PGPUB	2004/05/18 19:50
		1	5265167.pn. and maximiz\$6	USPAT; US-PGPUB	2004/05/18 19:51
		1	6470310.pn. and (EX\$3CELP or CELP)	USPAT; US-PGPUB	2004/05/24 12:03
		1	6470310.pn. and (EX\$3CELP or CELP) same (previous\$4 or past or short or correlation\$4 or current\$4)	USPAT; US-PGPUB	2004/05/24 09:13
		1	6470310.pn. and (EX\$3CELP or CELP) same previous\$4 and short and correlation\$4 and current\$4	USPAT; US-PGPUB	2004/05/24 10:36
	114146	6470310.pn. (cod\$4 or decod\$4 or encod\$4) same previous\$4	USPAT; US-PGPUB	2004/05/24 09:30	
		1	6470310.pn. and (cod\$4 or decod\$4 or encod\$4) same previous\$4	USPAT; US-PGPUB	2004/05/24 09:30
		1	(US-RE36721-\$).did.	USPAT	2004/05/24 09:37
		1	(US-RE36721-\$).did.	USPAT	2004/05/24 09:37
		1	((US-RE36721-\$).did.) and (cod\$4 or decod\$4 or encod\$4) same previous\$4	USPAT	2004/05/24 09:38
		1	((US-RE36721-\$).did.) and (cod\$4 or decod\$4 or encod\$4) same (previous\$4 or past)	USPAT	2004/05/24 09:39
		0	6470310.pn. and scal\$5	USPAT; US-PGPUB	2004/05/24 10:36
		1	5664054.pn.	USPAT; US-PGPUB	2004/05/24 10:47
		1	5664054.pn. and scal\$4 and gain\$4 and pitch\$4 near lag\$5	USPAT; US-PGPUB	2004/05/24 10:49
		0	5664054.pn. and scal\$4 and gain\$4 and pitch\$4 near lag\$5 and (current or present) same sub\$4fram\$4	USPAT; US-PGPUB	2004/05/24 10:49
		0	5664054.pn. and scal\$4 and gain\$4 and pitch\$4 near lag\$5 and (current or present) same fram\$4	USPAT; US-PGPUB	2004/05/24 10:49
		1	5664054.pn. and scal\$4 and gain\$4 and pitch\$4 near lag\$5 and (current or present)	USPAT; US-PGPUB	2004/05/24 10:49
		1	6470310.pn. and encod\$4	USPAT; US-PGPUB	2004/05/24 14:20